



2874

Docket No.: 826.1769

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Hideo OKADA et al.

Serial No. 09/986,293

Group Art Unit: 2874

Confirmation No. 5356

Filed: November 8, 2001

Examiner: Jennifer Doan

For: VARIABLE WAVELENGTH DISPERSION COMPENSATOR

CERTIFICATE UNDER 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

on February 6, 2003
By: Richard M. Nis
Date: February 6, 2003

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This is in response to the Office Action mailed November 6, 2002, and having a period for response set to expire on February 6, 2003.

The following amendments and remarks are respectfully submitted. Reconsideration of the claims is respectfully requested.

IN THE CLAIMS:

Please REPLACE claims 1-5 in accordance with the following:

1. (ONCE AMENDED) A variable wavelength dispersion compensator, comprising:
an angular dispersion unit angular dispersing a plurality of wavelengths of input beams;
and
a surface-shape variable mirror unit returning the angular dispersed beams to the angular dispersion unit and comprising a transformable surface shape, wherein the wavelengths of the input beams are dispersed by reflecting the beams from the angular dispersion unit on the surface-shape variable mirror unit, inputting the reflected beams to the angular dispersion unit, and outputting the angular dispersed beams from the angular dispersion unit.
2. (ONCE AMENDED) The variable wavelength dispersion compensator according to claim 1, wherein said surface-shape variable mirror unit further comprises:
a mirror face unit reflecting beams; and